

TOP SECRET

PRIORITY

OUT58742

P 090001Z  
FM NPIC

JUN 9 00 30Z

25X1  
25X1AFSSO PACAF  
AFSSO ACIC  
AFSSO FTD  
AFSSO USAF  
CNO  
CJCSZEM  
TOP SECRET

CITE NPIC 7409.

25X1  
25X1

SUBJECT: CAMERA INFORMATION FOR MISSION 1033-2.

1. THE FOLLOWING DATA REMAINS THE SAME AS REPORTED IN NPIC 7349, 9 JUN 1964.  
 PARA 1, 2, 3, 4, AND 5.

2. IMAGE MOTION COMPENSATION DATA (CYCLE RATE (CPS), GROUND  
 ANGULAR VELOCITY (GAV), AND PASSES WHERE USED).

REF. LEVEL			AMPL. LEVEL			PASSES
NO.	CPS.	GAV.	NO.	CPS.	GAV.	
3	.4033	.0365	8	.0490	.0044	83A1 THRU 136D1
2	.4182	.0378	8	.0490	.0044	144A1 THRU 176D1

## 3. PROGRAM TIME DATA

PASS	CAMERA ON TIME				PROGRAM ON TIME	PROGRAM
	(ZULU TIME)				UP RAMP	DURATION
	DAY	HR	MIN	SEC	SEC	SEC
83A1	29	04	41	50	1749	123
83A2	29	04	44	59	1937	51
84A1	29	06	10	38	1749	264

DISTRIBUTION		
Cy No.	Office	Action
1	File	
2	OS	
	ADMIN	
	SEC BR	
	P & DS	
	CSD	
	IPD	
	PD	
	PSD	
	PSD-ICB	
342	TID	
	IAD	
	PAG	
	DIAXX-4	
	SPAD	
	NSA-LO	
	DIA-AP	

25X1

TOP SECRET

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

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85D1	29	07	55	40	2723	49
86D1	29	09	23	16	2654	30
86D2	29	09	27	37	2915	30
87D1	29	10	47	41	2393	111
87D2	29	10	51	09	2600	42
87D3	29	10	53	22	2734	30
87D4	29	10	54	56	2827	29
88D1	29	12	18	41	2526	293
90A1	29	15	00	39	1592	51
96A1	29	23	56	31	1793	47
96D1	30	00	17	29	3051	42
98A1	30	02	52	28	1702	36
98A2	30	02	55	17	1872	48
99A1	30	04	21	57	1748	122
99A2	30	04	25	05	1936	51
100A1	30	05	50	41	1748	264
101D1	30	07	35	40	2723	48
102D1	30	09	03	15	2653	90
102D2	30	09	07	36	2914	30
102D3	30	09	11	56	3174	152
103D1	30	10	27	36	2392	249
103D2	30	10	33	17	2733	30
103D3	30	10	34	50	2826	29
104D1	30	11	58	32	2525	293
112A1	30	23	36	57	1597	47

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112D1	30	23	57	57	2858	42
114A1	31	02	33	12	1506	36
114A2	31	02	36	02	1675	48
115A1	31	04	02	50	1552	122
115A2	31	04	05	58	1740	52
117D1	31	07	16	51	2527	49
118D1	31	08	44	32	2457	90
118D2	31	08	48	54	2719	30
119D1	31	10	10	19	2272	35
119D2	31	10	12	30	2403	42
119D3	31	10	16	16	2630	30
120D1	31	11	41	43	2425	199
127A1	31	21	44	11	1259	34
128A1	31	23	18	39	1596	46
128D1	31	23	39	38	2855	42
130A1	01	02	12	29	1367	175
130A2	01	02	17	37	1675	49
131A1	01	03	44	21	1550	121
131A2	01	03	47	29	1738	52
132A1	01	05	13	09	1550	264
133D1	01	06	58	13	2526	48
134D1	01	08	25	52	2456	30
134D2	01	08	30	13	2717	30
135D1	01	09	50	19	2195	111
135D2	01	09	53	46	2402	42

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135D3	01	09	56	00	2536	30
135D4	01	09	57	32	2629	30
136D1	01	11	22	55	2423	198
144A1	01	22	59	09	1794	46
144D1	01	23	20	08	3052	42
146A1	02	01	55	08	1703	36
146A2	02	01	57	57	1872	49
147A1	02	03	24	37	1747	122
147A2	02	03	27	46	1935	52
149D1	02	06	38	21	2723	48
150D1	02	08	05	54	2652	90
150D2	02	08	10	16	2914	31
151D1	02	09	31	33	2468	34
151D2	02	09	33	44	2599	42
151D3	02	09	37	29	2825	30
152D1	02	11	01	14	2525	293
160A1	02	22	38	38	1792	46
160D1	02	22	59	35	3050	42
162A1	03	01	34	26	1700	35
162A2	03	01	37	15	1869	49
163A1	03	03	03	52	1746	121
163A2	03	03	07	00	1934	52
164A1	03	04	32	31	1747	263
165D1	03	06	17	24	2721	49
166D1	03	07	44	53	2650	90

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166D2	03	07	49	14	2911	30
167D1	03	09	10	28	2466	34
167D2	03	09	12	39	2597	42
167D3	03	09	16	25	2823	30
168D1	03	10	40	04	2523	293
175A1	03	20	42	39	1454	34
176A1	03	22	10	27	1404	132

NOTE: THE ABOVE DATA APPLIES TO THE MASTER (FWD) UNIT ONLY. ADD 12 SECONDS TO GET CAMERA ON TIME AND PROGRAM ON TIME FOR THE SLAVE (AFT) UNIT. ON PASS 164A1, ONLY THE MASTER UNIT OPERATED (MONO MODE). ON PASS 116A1, ONLY THE SLAVE UNIT OPERATED (MONO MODE) AT THE FOLLOWING TIMES.

116A1	31	05	31	55	1563	264
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#### 4. TIME CORRELATION (MILLISECONDS)

PASS	CLOCK TIME	SYSTEM TIME	DIFFERENCE
10	281448.721	59459.1616	----
16	314954.427	6564.8643	.003
26	366866.516	58476.9479	.005
32	400357.225	5567.6533	.004
42	452247.052	57457.4744	.006
48	485719.439	4529.8573	.004
58	707.789	56389.1128	.005
64	34106.825	3388.1444	.004
74	85761.627	55042.9393	.007
80	119194.642	2075.9496	.005

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90	171218.549	54099.8488	.008
96	204632.224	1113.5187	.005
106	256351.776	52833.0624	.008
112	289860.462	86341.7428	.006
122	341714.106	51795.3780	.009
128	375161.360	85242.6260	.006
138	426975.345	50656.6016	.009
144	460391.223	84072.4733	.006
154	512164.737	49445.9772	.010
160	8638.543	82790.6886	.006
170	60417.479	48169.6139	.011
176	93561.624	81313.7519	.007

NOTE: ALL "DIFFERENCE" VALUES ARE PLUS.

GP-1

T O P S E C R E T

-END OF MESSAGE-

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25X1